#4



OIPE

RAW SEQUENCE LISTING DATE: 05/16/2002 PATENT APPLICATION: US/10/054,552 TIME: 14:08:37

Input Set : N:\Crf3\RULE60\10054552.raw
Output Set: N:\CRF3\05162002\J054552.raw

SEQUENCE LISTING

```
3 (1) GENERAL INFORMATION:
             (i) APPLICANT: Nett, Torrance M.
                            Glode, Leonard M.
     6
                            Karpeisky, Marat
     7
            (ii) TITLE OF INVENTION: "HORMONE-NUCLEASE COMPOUNDS AND METHOD
     9
                                     FOR REGULATING HORMONE RELATED DISEASES"
    10
           (iii) NUMBER OF SEQUENCES: 2
    12
            (iv) CORRESPONDENCE ADDRESS:
     14
                                                                  ENTERED
                  (A) ADDRESSEE: Sheridan Ross P.C.
    15
                  (B) STREET: 1700 Lincoln St., Suite 3500
    16
                  (C) CITY: Denver
     17
                  (D) STATE: Colorado
     18
                  (E) COUNTRY: USA
     19
                  (F) ZIP: 80203
     20
             (V) COMPUTER READABLE FORM:
     22
                  (A) MEDIUM TYPE: Floppy disk
     23
                  (B) COMPUTER: IBM PC compatible
     24
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     25
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
     26
            (vi) CURRENT APPLICATION DATA:
     28
                  (A) APPLICATION NUMBER: US/10/054,552
C--> 29
C--> 30
                  (B) FILING DATE: 21-Jan-2002
     31
                  (C) CLASSIFICATION:
           (vii) PRIOR APPLICATION DATA:
     34
                  (A) APPLICATION NUMBER: US/09/015,729
     35
     36
                  (B) FILING DATE:
          (viii) ATTORNEY/AGENT INFORMATION:
     38
                  (A) NAME: Kovarik, Joseph E.
     39
                  (B) REGISTRATION NUMBER: 33,005
     40
                  (C) REFERENCE/DOCKET NUMBER: 2730-3-2-4-1
     41
     43
            (ix) TELECOMMUNICATION INFORMATION:
                  (A) TELEPHONE: (303) 863-9700
     44
                  (B) TELEFAX: (303) 863-0223
     45
     48 (2) INFORMATION FOR SEQ ID NO: 1:
             (i) SEQUENCE CHARACTERISTICS:
     50
                  (A) LENGTH: 10 amino acids
     51
                  (B) TYPE: amino acid
     52
                  (C) STRANDEDNESS: single
     53
                  (D) TOPOLOGY: linear
     54
            (ii) MOLECULE TYPE: peptide
     56
            (ix) FEATURE:
     59
     60
                  (A) NAME/KEY: Region
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,552

DATE: 05/16/2002 TIME: 14:08:37

Input Set : N:\Crf3\RULE60\10054552.raw
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```
(B) LOCATION: 6
     61
                  (D) OTHER INFORMATION: /note= "Xaa = lysine, D-lysine,
     63 ornithine, D-ornithine, glutamic acid, D-glutamic acid, aspartic
     64 acid, D-aspartic acid, cysteine, D-cysteine, tyrosine or
     65 D-tyrosine"
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
     68
W--> 70
             Glu His Trp Ser Tyr Xaa Leu Arg Pro Glx
     71
             1
                             5
     73 (2) INFORMATION FOR SEQ ID NO: 2:
             (i) SEQUENCE CHARACTERISTICS:
     76
                  (A) LENGTH: 10 amino acids
     77
                  (B) TYPE: amino acid
     78
                  (C) STRANDEDNESS: single
     79
                  (D) TOPOLOGY: linear
     81
            (ii) MOLECULE TYPE: peptide
     86
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
     88
            Glu His Trp Ser Tyr Asp Lys Leu Arg Pro
     89
```

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/054,552

DATE: 05/16/2002 TIME: 14:08:38

Input Set : N:\Crf3\RULE60\10054552.raw
Output Set: N:\CRF3\05162002\J054552.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.6

VERIFICATION SUMMARY DATE: 05/16/2002 PATENT APPLICATION: US/10/054,552 TIME: 14:08:38

Input Set : N:\Crf3\RULE60\10054552.raw Output Set: N:\CRF3\05162002\J054552.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:] L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0